YANO et al
Appl. No. 10/750,957
Response to Office Action dated August 10, 2005

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning on page 2, line 29 with the following amended paragraph:

According to the present invention, the map data which has a preset geographical range that includes the road set as the route is transferred from the portable recording medium to the memory device based on the current position of the moving body and the set route.

Please replace the paragraph beginning on page 19, line 22 with the following amended paragraph:

As shown in Fig. 2, the entire area of the map is divided into a plurality of meshed-shaped blocks with M number of blocks in the East-West direction and N number of blocks in the North-South direction, and the block map data corresponding to each block is managed.

Please replace the paragraph beginning on page 21, line 11 with the following amended paragraph:

Normally, if once the route that the automobile is to travel to the destination has been set, it is possible for the automobile to reach the destination by following that set route. Therefore, before the automobile starts moving toward the destination, it is possible to perform the route guidance to travel to the destination by transferring the map data related to the route, or in other words, by transferring just the block map data that has the road set as the route.

Please replace the paragraph beginning on page 22, line 21 with the following amended paragraph:

Fig. 3 shows a set route that includes normal roads, a freeway and automobile-only road (hereafter, called a freeway) and the geographical range of the route-map-block data and the surrounding-map-block data that are transferred based on that route. Furthermore, the Fig. 3 shows that more surrounding-map-block data near the entrances and exits of the freeway in the route and near the destination are transferred than that near other areas along the route.

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      Please replace the paragraph beginning on page 22, line 28 with the following amended paragraph:

      Also, in this embodiment, whenever the route is set, the block map data are transferred. However[[, however]], since the current position of the automobile is displayed when the system is started, and the block-map data to be transferred is set, normally map data for the entire map that covers all of the block map data and that has a rougher scale than the block map data is stored in the ROM/RAM 116. When the entire system is activated, the system-control unit 115 performs a data check of this map data for the entire map in order to prevent problems in transferring data.